

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 December 2000 (14.12.2000)

PCT

(10) International Publication Number  
**WO 00/74578 A2**

(51) International Patent Classification<sup>7</sup>: **A61B 17/16**

Gonen [IL/IL]; Hamarganit Street 56, 52584 Ramat-Gan (IL).

(21) International Application Number: PCT/IL00/00320

(72) Inventors; and

(22) International Filing Date: 4 June 2000 (04.06.2000)

(75) Inventors/Applicants (for US only): **HARARI, Boaz** [IL/IL]; Abba-Hushi Avenue 135, 34987 Haifa (IL). **BEYAR, Mordechai** [IL/IL]; Haeshkolit Street 7, 30600 Caesarea (IL). **GLOBERMAN, Oren** [IL/IL]; Derech Haganim Street 30, 46910 Kfar-Shmaryahu (IL).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

130307 4 June 1999 (04.06.1999) IL  
09/476,682 30 December 1999 (30.12.1999) US  
135832 27 April 2000 (27.04.2000) IL

(74) Agents: **FENSTER, Paul et al.**; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US 09/476,682 (CIP)  
Filed on 30 December 1999 (30.12.1999)

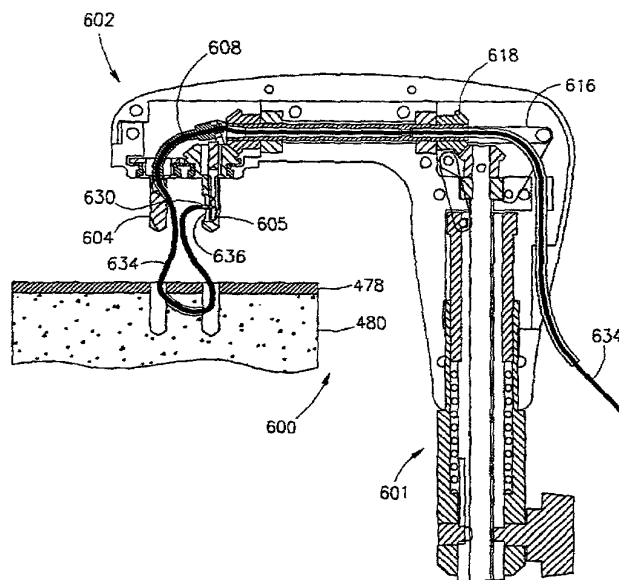
(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(71) Applicants (for all designated States except US): **INFLUENCE MEDICAL TECHNOLOGIES, LTD.** [IL/IL]; Hasadnaot Street 3, 46728 Herzliya (IL). **SOMEKH,**

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian

[Continued on next page]

(54) Title: BONE SUTURING DEVICE



(57) Abstract: A bone boring device, comprising a needle base, a pivot, at least one curved needle having a tip at one end thereof and rotatably mounted on the needle base, said needle and pivot arranged and adapted so that when said tip is placed against bone tissue and said needle is rotated around said pivot, said needle is urged into said bone. Optionally, the at least one needle comprises at least two needles.

WO 00/74578 A2